

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/040758 A3

(51) International Patent Classification⁷: A61K 31/445

(21) International Application Number:
PCT/US2004/035390

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/514,052 24 October 2003 (24.10.2003) US

(71) Applicant (for all designated States except US): INTER-
MUNE, INC. [US/US]; 3280 Bayshore Boulevard, Bris-
bane, California 94005 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OZES, Osman, N.
[TR/US]; 209 Boardwalk Avenue, #F, San Bruno, Cali-
fornia 94066 (US). BLATT, Lawrence, M. [US/US]; 10
Shoreview, San Francisco, California 94121 (US). SEIW-
ERT, Scott, D. [US/US]; 828 Rockaway Beach Avenue,
Pacifica, CA 94044 (US).

(74) Agent: BORDEN, Paula A.; BOZICEVIC, FIELD &
FRANCIS LLP, 1900 University Avenue, Suite 200, East
Palo Alto, California 94303 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
29 September 2005

(15) Information about Correction:

Previous Correction:

see PCT Gazette No. 26/2005 of 30 June 2005, Section II

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: USE OF PIRFENIDONE IN THERAPEUTIC REGIMENS

(57) Abstract: The present invention provides methods for treating a disorder, and methods for inhibiting a stress-activated protein kinase (SAPK) in a cell in an individual, the methods generally involving administering to an individual in need thereof an effective amount of pirfenidone or a pirfenidone analog; comparing a post-treatment SAPK activity level in a biological sample from the indi-
vidual with a pre-treatment SAPK activity level; and adjusting the dose of the pirfenidone or pirfenidone analog based on the results of the comparison step. The present invention provides methods for treating a disorder, and methods for inhibiting a SAPK in a cell in an individual, the methods generally involving administering to an individual in need thereof an effective amount of pirfenidone or a pirfenidone analog; comparing a second post-treatment SAPK activity level in a biological sample from the individual with a first post-treatment SAPK activity level; and adjusting the dose of the pirfenidone or pirfenidone analog based on the results of the comparison step.



WO 2005/040758 A3